KENTUCKY INFORMATION RESOURCES MANAGEMENT
COMMISSION
MEETING MINUTES
December 3, 1998

KIRM Members: Chair Jim Nelson, Steve Dooley, Aldona Valicenti, David Couch, Kenyon Meyer, Robert Thompson, George Demarree, Jerry Frantz, Jim Ramsey, Allen Holt representing Crit Luallen and Michael Clark representing Virginia Fox.

GUESTS: Seon Cuiter, Bill May, Karen Seeders, Betsy Nowland-Curry, Buck Beverly, Bob West, Bill Jones, Susan Foster, Angela Mitchell, Susan Lambert, Randy Refalo, Ron Duvall, Ship Hunt, Lisa Rowe, Steve Spisak, John Carrico, Charles Bynaker, Lynne O'Connor, Lloyd Biggs, Kent Howell, B.J. Bellamy, Jane Allen, Tom Tipton, Dick Smotherman, Ron Jones, Tom Riffe, Marvin Egbert, Tom Case, Tim Hay, Jules Delambre, Paul Stackhouse, Deward Brake, Ben Hall, Dretta Christian, Charles Robb, David McDowell, Jackie White, Mac Quarles, Bob Fannin, David Clifford, Mark Sutton, Bill Bowdy, Ralph Long, Tina Sengeri, Kristen Christensen, Michael Gormley, Ted Stumbur, Bob Hanna, Gary Rue, Derrel Cone, Mike Brown, Sheri Rose, Jo Shipley, Danny Ball, Nancy Ward, Jeff Miracle, Kent Howell, James Griffeon, Brent Seales, James Lumpp and Tom Kay.

STAFF: Doug Robinson, Shirley Rodgers and Jessamine Saufley.

Chair Nelson called the meeting to order and welcomed members and guests. The minutes of the September 29, 1998, KIRM Commission meeting were approved as distributed.

Chair Nelson asked Aldona Valicenti, Commonwealth CIO, to provide an update on the Information Technology (IT) Transformation Initiative. Aldona reported that the IT Design Committee's recommendations were presented to the Executive Cabinet on October 26, 1998, and received their endorsement. She asked members and guests to review the information in the meeting packet titled *" IT Transformation: What's Happening*???". Aldona stated that the Transformation Initiative has several significant elements: better utilization of IT resources, a Commonwealth CIO organization, a Governance Team, creation of cabinet-level CIOs, and a Shared Services model.   She briefly discussed the importance of these elements to the Transformation Initiative and how they will provide a framework for the Commonwealth, which proposes a hybrid structure of both centralization and decentralization. Aldona added that implementation planning is beginning now, not as a single re-organization, but as a migration toward the recommended design. She added that the initial steps would be the formation of the CIO Organization, the establishment of the Cabinet CIO's, and the formation of the Governance Team.   She concluded her report by briefing the Commission on the Commonwealth's Year 2000 efforts and the current cabinet-level initiatives.

Chair Nelson reported that proposed legislative changes that relate to the alignment and restructuring of the Office of the CIO, the KIRM Commission, the Office of Geographic Information Systems, and the Department of Information Systems are being identified.   He added the committee is reviewing the

statutes and would finalize recommendations by February 1999. After considerable discussion, Jim and Aldona encouraged everyone to share the transformation information with their staff and co-workers.

Chair Nelson asked Doug Robinson to provide an Enterprise Architecture and Standards update. Doug announced that the summaries of the November 10,1998 revisions are available in the meeting packets and on the KIRM website. He commented that some major changes in desktop and server categories have been made and that various products have been added or deleted. Doug reminded members that revisions to the Enterprise Architecture and Standards and the revision history are posted on the KIRM website and are updated regularly. Doug added that edits are being made on the common data definitions draft for inclusion as a data category.

Chair Couch asked members to review the draft Telecommuting Policy, as edited by the Telecommuting Work Group and Teri DeYoung, Department of Education. He added that the policy identifies proposed telecommuting practices, policies and guidelines for the Commonwealth, however, many questions need clarification, such as zoning ordinances in reference to home offices. Chair Nelson requested members review the draft policy and forward comments to the David before action at the next meeting.

Chair Nelson requested that Doug introduce the three 1997 Research and Development (R&D) grant projects and presenters. Doug asked members to review R&D grant award abstracts and the final reports in the meeting packets. He then introduced Paul Stackhouse, Kentucky Educational Television (KET), who demonstrated their *"Video Interactive Learning via Internet"* project.

Paul reported that KET has refined technologies in the past twelve months to place a small video in each classroom and on the desks of KET staff. He stated that the inexpensive cameras, using the Internet for delivery, the KET instructor, from their workstations or studios, would receive and send to each school live video and audio. Paul added that through the use of video servers and Internet delivered video, KET offers their Distance Learning product to any student in virtually any location in state and out of state. He reported that KET is using Internet-based software to develop a system to track the positions of students within the syllabus of the course. Paul commented that due to technology delays, KET had to request a grant extension, which allowed them to add several components to the basic web-camera system at no charge to schools. He concluded by reporting that the project had demonstrated a positive impact and reaction in the Commonwealth's schools

Doug introduced Sargent John Carrico, Lloyd Biggs and Lynne O'Connor, Kentucky State Police (KSP), to review their " *Vehicular Collision Identification using GPS*" project. Sargent Carrico informed members that the presentation covered the accuracy of GPS (global positioning system) versus traditional mileposts. He began the presentation by noting that KSP is redesigning the current accident report and system, KARS. He stated that the new system is called CRASH (Collision Report Analysis for Safer Highways) with an implementation date of January 1, 2000. John explained the need for GPS devices, which capture latitudinal and longitudinal coordinates via signals from 24 scrambled Navistar satellites. He stated that currently KSP is comparing the GPS coordinates to milepoints to determine which method is more accurate and to assess if GPS technology is feasible at this time. John added that

milepost locations are required for generalized location of traffic collisions occurring on numbered routes. This information is not always recorded or is recorded in error, which in turn has hampered the Transportation Cabinet's efforts to identify high traffic locations.

John noted that this pilot project equips KSP troopers in posts throughout the state with hand-held GPS receivers. Lloyd Biggs and Lynne O'Connor demonstrated the pros and cons of using GPS devices and how the system works and interfaces with CRASH. As an aspect of the grant, this project introduced the use of desktop GIS within KSP. Lloyd discussed the use of GIS tools for the analysis and design for burglary incidents, domestic abuse data and the covered the software features of ArcView and Avenue.

Doug introduced Jim Giffioen, Brent Scales, James Lumpp and Tom Kay, University of Kentucky, who demonstrated the "*Wireless Computing in the Classroom*" project. Jim stated that the goal of the project was to investigate ways in which new and emerging technologies, such as multimedia laptop computers and wireless networking, can be used to improve teaching in the classroom. Jim announced that they designed and taught three Computer Science courses using the wireless classroom as the primary in-class-teaching environment for over 100 students. Jim reported that the project has been successful, addressing the significant changes and adaptations required for both faculty and students. He added that they had studied and published two scholarly papers of which one won an award at the"1998 Frontiers in Education Conference". Jim and his colleagues conducted a hands-on demonstration of how the project works by distributing wireless laptops and giving members an opportunity to participate. Jim answered questions and directed members to refer to UK's Computer Science website at *http://www.dcs.uky.edu/~wc.*

Being no further business, the meeting adjourned at 3:30 p.m.